1	2	3	. 4
Karnataka	40	10	20
Kerala	11	2	8
Madhya	12	5	3
Pradesh	88	36	24
Nagalan	2	4	3
d Orissa	9		
Pondicherr	1 7	8 9	2 4
y Punjab	6	13	30
Rajasthan	57		
Tamil Nadu			
Uttar Pradesh	23	4	8
Uttaranchal	3	—	1
West Bengal	20	14	6
GRAND TOTAL	439	138	201

Product Profile of Ordnance Factories

* 118. SHRI TAPAN KUMAR SEN:

SHRI PRASANTA CHATTERJEE:

Will the Minister of DEFENCE be pleased to state:

(a) the number of ordnance factories under the Department of Defence Production;

(b) the product profile of the^ factories; and

(c) the product-wise order book position and capacity utilization of ordnance factories during the last three years?

THE MINISTER OF DEFENCE (SHRI A.K. ANTONY): (a) to (c) There are 39 Ordnance Factories in the country and two Ordnance Factories are being set up at Nalanda, Bihar and Korwa, UP.

The products of Ordnance Factories includes Troop Comfort Items, Small Arms, Ammunitions, Chemicals and Explosives, Weapons, Main Battle Tanks, Armoured Personnel Carrier, Towed Guns, Mine Protected and Bullet Proof Vehicles, Naval Guns, Anti-aircraft Guns. Transport Vehicles, Optics, Equipments etc. A list of the factories is enclosed as Statement-I *(See* below).

The capacity utilization of Ordnance Factories for the last three years is given below:—

Year	% Machine Utilization
2004-05	74.29
2005-06	78.97
2006-07	76.11

The issues from Ordnance Factory Board to Armed Forces for product group-wise is enclosed as Statement-II.

Statement-I

Details of the Ordnance Factories with their specialization in production:

Factories	Location	Major Products
1. Ammunition Factory, Kirkee	Pune, Maharashtra	5.S6 mm Ammunition, Bombs, Grenades, Cartridges for others Small Arms, Medium Calibre Ammunitions.
2. -High Explosive Factory	Pune, Maharashtra	TNT, HNS, Tetryl (CE), 1PN, RENA, 'G' Fuel, 'O' Fuel, Initiatory Explosives, Acids and Chemicals etc.
3. Ordnance Factory, Chandrapur	Chandrapur, Maharashtra	Tank Gun Ammunition, Mortar Ammn., Anti-Tank and Anti-Personnel Mines, Rockets, Missiles War-Heads etc.
4. Ordnance Factory, Varangaon	Varangaon, Maharashtra	Cartridges, *viz,* 7.62 mm Nato Ball M-80 Tracer M-62, 5.56 mm Ammunition.
5. Ordnance Factory, Bhandara	Bhandara, Maharashtra	Single Base Propellant, Nitro-guanadine, Guanadine Nitrate, Hexamine, Acids, RDX compounds, PETN, Rocket Propellants, Nitre-Glycerine, Nitro-cellulose, Commercial Explosive etc.
6. Ordnance Factory, Dehu Road	Dehu Road, Maharashtra	Various Pyrotechnic compositions, Bombs, Shells Cartridge-Illuminating and Smoke, Cartg Signal, Flare Trip wire etc.
7. Ordnance Factory, Khamaria	Jabalpur, M.P.	Small Arms Ammunition, Ami Aircraft Smmn., Heavy Calibre Anti-Tankammn., Bombs, Mines, Ammn. for Air force and Navy.
8. Ordnance Factory, 1 tarsi	I tarsi, M.P.	Double and Triple Base propellants, Small Arms propellant, Acids Nitric and Suphuric, Nitrocellulose, Nitroglycerine, Picrite etc.
9. Cordite Factory, Anivankadu	Anivankadu, Tamil Nadu	Various Double Base/Triple Base Propellants, Celluloid Products, Nitro Cellulose, Nitro Glycerine, Acids, Acetone, Paints etc.
10. Ordnance Factory, Badmal	Bolangir, Orissa	Tank Gum Ammunition, Bar Mine, 30 mm Ammunition, 155 mm Ammunition.
11. Metal & Steel Factory	Ishapore, West Bengal	Various Ferrous and Non-ferrous castings & extrusion, Component & other stores including Cartg. Cases and shell forgings, Light/Medium/Heavy Steel Forgings including Gun Barrel Forgings.
12. Ordnance Factory, Ambajhari	Nagpur, Maharashtra	Ammunition Hardware (Shells, Fuzes and cartg. Cases) for various Ammunitions including 130 mm and 155 mm. Also light metal Floating Bridge, Extruded Al. Rods/Sections, Pressure and

	Factories	Location	Major Products
			and Die-Cast Components etc.
13.	Ordnance Factory, Ambarnath	Ambarnath, Maharashtra	Brass and Building Metal cups of various Calibers for Small Arms and Ammn. Thin Gauge non-ferrous Strips, Medium and Heavy Calibre Cartridge Cases. Low and High Tensile Al. Alloy, Extruded sections.
14.	Machine Tool Prototype Factory, Ambarnath	Ambarnath, Maharashtra	Design, Developments and manufacture of special purpose machine tools and equipment, components and sub-assemblies for Armoured and Transport vehicle and weapons spares.
15.	Ordnance Factory, Bhusawal	Bhusawal, Maharashtra	Drums, Barrels, Ammn. Boxes, Boxes for shells, Ammn, cylinders & Tin Containers, Fuel tanks.
16.	Ordnance Factory, Muradnagar	Muradnagar, Uttar Pradesh	Plain carbon and alloy steel castings for Tanks, Empty Bodies of various ammn. Hot Die Tool, Steel forgings.
17.	Ordnance Factory, Katni	Katni, Madhya Pradesh	Non-Ferrous Rolled & Extruded sections, Cups for Small Arms Ammunitions, Diecast components, Heavy Calibre Cartg. Cases.
18.	Ordnance Cable Factory, Chandigarh	Chandigarh	Field Telephone cable, Carrier Quad cable, 20 Conductor cable, 3KV Air Field Lighting cable, Beta light devices, various steel wires.
19.	Heavy Alloy Penetrator Proj	Triruchirapally Tamil Nadu	Empty Shots for Kinetic Energy Ammn.of various calibers(105 mm, 120mm, 125 mm).
20.	Gun Carriage Factory	Jabalpur, Madhya Pradesh	T-72 Tank Gun Recoil System, Carriages for Artillary Guns, Anti-Aircraft Gun, Tank Gun Mounting, 81 mm Mortar, 51 mm Mortar, 12 Bore Pump Action Gun, Cluster Bomb Gas system assy., 73mm Smooth Bore Barrel Assy. Ski Runners & various Ammn. Packages.
21.	Vehicle Factory, Jabalpur	Jabalpur, Madhya Pradesh	Army Transport Vehicles and Variants, Civil Jonga, Spares Engines and others spares.
22.	Grey Iron Foundry	Jabalpur, Madhya Pradesh	Automobile Casting of Grey & Malleable Iron for Vehicles & other applications.
23.	Ordnance Factory, Kanpur	Kanpur, Uttar Pradesh	Medium & High Calibre Guns, Mortars Bomb bodies, Shell Empties, High velocity Kinetic Energy Shots.
24.	Small Arms Factory	Kanpur, Uttar Pradesh	5.56 mm LMG LMG 7.62 mm, MAG 7.62 mm, .50" Rifle Sporting, 51 mm Mortar, .32" Revolver, 20 L Steel Jerricans, 9 mm Carbine.
25.	Field Gun Factory	Kanpur,	High Calibre Ordnance & Spare

	Factories	Location	Major Products
26.	Rifle Factory, Ishapore	Uttar Pradesh Ishapore, West Bengal.	Barrels, .32" Revolver. 5.56mm INSAS Rifle, Pistol 9 mm Auto, 315" Sporting Rifle, .22" Sporting Rifle.
27.	Gun & Shell Factory	Cossipore, West Bengal	Medium Calibre Guns, Shells & Fuzes, 12 Bore DBBL Shot Gun, .32" Pistol, 84 mm Rocket Launcher.
28.	Ordnance Factory, Dum Dum	Dum Dum, West Bengal	Various Precision Machined & Fabricated Items for Army, Navy & Airforce including Retarder Tail Units for Bombs.
29.	Ordnance Factory, Trichy	Tiruchirapally, Tamil Nadu	7.62 mm Rifle, 12.7 AD Gun & Spares, 30 mm Cannon for BMP II, 14.5 mm Sub-Calibre Device for T.72 Tank, 23 mm Ghasha Twin Barrel Gun for MIG
30.	Heavy Vehicle Factory	Avadi, Tamil Nadu	Battle Tanks viz. Ajeya T-72, Combat Imporved Ajeya, Variants Tank Spares & Overhaul of T-72.
31.	Engine Factory Avadi	Avadi Tamil Nadu	Engines for Battle Tanks and ICV, Overhaul of Engines.
32.	Ordnance Factory Medak	Medak, Andhra Pradesh	Infantry Combat Vehicle Sarath, Variants, Bullet Proofing of Cars & Spares for ICV
33.	Ordnance Factory Dehradun	Dehradun, Uttaranchal	Sighting & Fire control instruments for Tanks, Fire control instruments for Guns & Mortars, Range finder, Binoculars, Compasses, Air field Lighting Equipment, Night Vision Instruments.
34.	Opto Electronics Factory	Dehradun, Uttaranchal	Precision Opto Mechanical/Electronic intruments for sighting and fire control of T-72 & Infantry combat vehicles, Laser Range Finder.
35.	Ordnance Equipment Factory	Kanpur, Uttar Pradesh	Leather Items, Textile Items, Engineering Equipments including Mountaineering Items.
36.	Ordnance Parachute Factory	Kanpur, Uttar Pradesh	All types of Parachutes *viz.* Brake Parachute, Supply Dropping & Man Dropping Parachutes, Tent Clothing & Rubberised Items like Floats for Bridges & Inflatable Boats.
37.	Ordnance Equipment Factory	Hazratpur, Uttar Pradesh	Tents, Mosquito Nets & other Clothing Items.
38.	Ordnance Clothing Factory	Shahjhanpur, Uttar Pradesh	All Combat Clothing, Mountaineering Exreme Cold Clothing, Textile & Tentage Items.
39.	Ordnance Clothing Factory	Avadi, Tamil Nadu	All Combat Clothing & Parade Garments, Parachutes, Tents, DLD covers, Vest etc.

Statement-II

The issues from Ordnance Factory Board to Armed Forces for product group-

wise Issues to Armed Forces by OFB

(Fig. in crores)

Defence	2004-05	2005-06	2006-07
Army:			
Armament	114.21	156.61	173.63
Ammunition	1570.83	1645.48	1902.22
Electronics	41.04	43.82	5.72
General Stores	81.11	170.90	191.78
Optical Equipment	15.06	26.47	34.55
Clothing	430.92	323.45	347.45
'A' Vehicles	1534.06	1553.71	1009.43
'B' Vehicles	948.45	1126.34	724.52
MT Spares—'A' Vehicles	107.31	139.48	148.52
MT Spares—'B' Vehicles	0.12	0.07	0.13
Engineering Stores	2.58	2.20	0.61
Navy:	47.77	0.01	
Naval Stores Armament Clothing Others			
Capital Item	21.98	78.48	93.49
Air Force:	6.22	21.51	21.71.
Ordnance	0.06	0.00	
Clothing		22.28	34.36
Others	147.29	109.25	140.06
Total Non Defence issue	30.00	93.87	68.03
New Defence	0.48	0.00	0.00

Purchase Policy * 119. SHRIMATI N.P. DURGA: Will the Minister of DEFENCE be pleased to state:

(a) whether it is a fact that Government is thinking of having a new Defence Purchase Policy so as to quicken the process of Defence purchases for the safety and security of the country;

(b) if so, the salient features of the proposed new policy; and

(c) whether the new policy mandates that all foreign players who have won the defence supplies, have to transfer the technology, which otherwise is not present now?

THE MINISTER OF DEFENCE (SHRI A.K. ANTONY): (a) to (c) Government promulgated Defence Procurement Procedure (DPP-2006) with effect from 1st September, 2006